



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of: Scott Powers, et al.

Atty. Docket No.: 6539.00311  
(T00-019-1US)

Confirmation No. 2471

Application No.: 10/041,030

Group Art Unit: 1642

Filed: December 28, 2001

Examiner: S. Ungar, Ph.D.

For: DIAGNOSIS AND TREATMENT OF CANCER USING MAMMALIAN  
PELLINO POLYPEPTIDES AND POLYNUCLEOTIDES

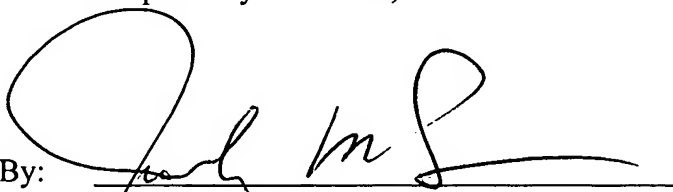
**STATEMENT UNDER 37 CFR 3.73(b)**  
**SUBMISSION OF POWER OF ATTORNEY and CORRESPONDENCE**

U.S. Patent and Trademark Office  
Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Applicants submit herewith an executed Statement under 37 CFR 3.73(b) and Power of Attorney and Correspondence Address forms on the above-subject application. If any fee is due to enter these forms, please charge our deposit account number 19-0733.

Respectfully submitted,

Date: Nov 28, 2005

By:   
Joseph M. Skerpon  
Registration No. 29,864

BANNER & WITCOFF, LTD.  
1001 G Street, N.W. - 11<sup>th</sup> Floor  
Washington, D.C. 20001-4597  
202-824-3000

JMS/bao  
Attachments



PTO/SB/81 (11-04)  
Approved for use through 11/30/2005, OMB 0651-0035  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM</b>	Application Number	10/041,030
	Filing Date	December 28, 2001
	First Named Inventor	Scott Powers, et al.
	Title	DIAGNOSIS AND TREATMENT OF CANCER USING MAMMALIAN PELLINO POLYPEPTIDES AND POLYNUCLEOTIDES
	Art Unit	1642
	Examiner Name	Susan Ungar
	Attorney Docket Number	006539.00311 (T00-019-1US)

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number: **22907**

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number.

OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name

Address

City State ZIP

Country

Telephone Fax

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

**SIGNATURE of Applicant or Assignee of Record**

Name	Stuart L. Watt		
Signature	<i>Stuart L. Watt</i>		
Date	11/21/05	Telephone	805-447-1000

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ \*Total of forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/88 (04-03)  
Approved for use through 04/30/2003, OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Amgen Inc.

Application No./Patent No.: 10/041,303

Filed/Issue Date: December 28, 2001

Entitled: Diagnosis and Treatment of Cancer Using Mammalian Peltine Polypeptides and Polynucleotides

Amgen Inc., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title, and interest  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

In the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Scott Powers, David Mu, Phil Xiang, Yue Peng, To: Tularik Inc.  
The document was recorded in the United States Patent and Trademark Office at Reel 012853, Frame 0759, or for which a copy thereof is attached.
2. From: Tularik Inc., To: Arrow Acquisition, LLC  
The document was recorded in the United States Patent and Trademark Office at Reel 016309, Frame 0003, or for which a copy thereof is attached.
3. From: Arrow Acquisition, LLC, To: Amgen SF, LLC  
The document was recorded in the United States Patent and Trademark Office at Reel 016309, Frame 0812, or for which a copy thereof is attached.

☒ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

11/21/05  
Date  
805-447-1000  
Telephone Number

Stuart L. Watt  
Signature  
Stuart L. Watt  
Typed or printed name  
Vice President, Law of Amgen Inc.  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

006539.00311 (T00-019-1US)

**APPENDIX A**

**Continuation of Chain of Title to Current Assignee:**

4. From: **Amgen SF, LLC**

To: **Amgen Inc.**

The document was recorded in the United States Patent and Trademark Office at  
Reel **TBA**, Frame **TBA**, or for which a copy thereof is attached.



## Assignments on the Web > Patent Query

### Patent Assignment Abstract of Title

***NOTE: Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.***

#### Total Assignments: 3

**Patent #:** NONE

**Issue Dt:**

**Application #:** 10041030

**Filing Dt:** 12/28/2001

**Publication #:** US20020150934

**Pub Dt:** 10/17/2002

**Inventors:** Scott Powers, David Mu, Phil Xiang, Yue Peng

**Title:** Diagnosis and treatment of cancer using mammalian pellino polypeptides and polynucleotides

#### Assignment: 1

**Reel/Frame:** 012853/0759

**Recorded:** 04/22/2002

**Pages:** 5

**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

**Assignors:** POWERS, SCOTT

**Exec Dt:** 03/18/2002

MU, DAVID

**Exec Dt:** 03/20/2002

XIANG, PHIL

**Exec Dt:** 03/20/2002

PENG, YUE

**Exec Dt:** 03/20/2002

**Assignee:** TULARIK INC.

TWO CORPORATE DRIVE

SO. SAN FRANCISCO, CALIFORNIA 94080

**Correspondent:** TOWNSEND AND TOWNSEND AND CREW LLP

JEAN M. LOCKYER

TWO EMBARCADERO CENTER, 8TH FLOOR

SAN FRANCISCO, CA 94111-3834

#### Assignment: 2

**Reel/Frame:** 016309/0003

**Recorded:** 06/07/2005

**Pages:** 12

**Conveyance:** MERGER (SEE DOCUMENT FOR DETAILS).

**Assignor:** TULARIK INC.

**Exec Dt:** 08/13/2004

**Assignee:** ARROW ACQUISITION, LLC

ONE AMGEN CENTER

THOUSAND OAKS, CALIFORNIA 91320-1799

**Correspondent:** AMGEN INC.

OLGA MEKHOVICH

1120 VETERANS BOULEVARD

SOUTH SAN FRANCISCO, CA 94080

#### Assignment: 3

**Reel/Frame:** 016309/0812

**Recorded:** 06/07/2005

**Pages:** 12

**Conveyance:** CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

**Assignor:** ARROW ACQUISITION, LLC

**Exec Dt:** 08/13/2004

**Assignee:** AMGEN SF, LLC

1120 VETERANS BOULEVARD

SAN FRANCISCO, CALIFORNIA 94080

**Correspondent:** OLGA MEKHOVICH

AMGEN INC.

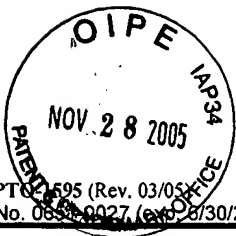
1120 VETERANS BOULEVARD

**SOUTH SAN FRANCISCO, CALIFORNIA 94080**

Search Results as of: 11/21/2005 08:10 AM

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 571-272-3350

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Form PTO-595 (Rev. 03/05)  
OMB No. 0550-0027 (exp. 03/30/2005)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

### 1. Name of conveying party(ies)

AMGEN SF, LLC

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

### 3. Nature of conveyance/Execution Date(s):

Execution Date(s) JUNE 17, 2005

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

### 2. Name and address of receiving party(ies)

Name: AMGEN INC.

Internal Address: \_\_\_\_\_

Street Address: ONE AMGEN CENTER DR.

City: THOUSAND OAKS

State: CALIFORNIA

Country: USA Zip: 91320-1799

Additional name(s) & address(es) attached? ☐ Yes ☒ No

### 4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

SEE ATTACHED LIST

SEE ATTACHED LIST

Additional numbers attached? ☒ Yes ☐ No

### 5. Name and address to whom correspondence concerning document should be mailed:

Name: Christopher J. Smith

Internal Address: Amgen Inc.

Street Address: 1120 Veterans Boulevard

City: South San Francisco

State: California Zip: 94080

Phone Number: 650-244-2000

Fax Number: 650-244-2392

Email Address: cjsmith@amgen.com

### 6. Total number of applications and patents involved: 315

### 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 12,600.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

### 8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 01-0519

Authorized User Name Amgen Inc.

### 9. Signature:

  
Signature

October 18, 2005  
Date

Christopher J. Smith  
Name of Person Signing

Total number of pages including cover  
sheet, attachments, and documents:

32

LIST OF U.S. APPLICATIONS AND PATENTS  
ASSIGNMENT OF AMGEN SF, LLC TO AMGEN INC.

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T00-001	US	60/201,601	3-May-00		
T00-001-1	US	09/848,990	3-May-01		
T00-002	US	60/186,047	1-Mar-00		
T00-003	US	09/524,435	13-Mar-00	6,365,366	2-Apr-02
T00-004	US	60/194,911	5-Apr-00		
T00-004-1	US	09/827,837	4-Apr-01	6,673,543	6-Jan-04
T00-005	US	60/201,613	3-May-00		
T00-005-1	US	09/847,887	2-May-01	6,653,332	25-Nov-03
T00-005-2	US	10/456,932	5-Jun-03		
T00-006	US	60/246,876	8-Nov-00		
T00-006-1	US	10/008,244	7-Nov-01	6,884,782	26-Apr-05
T00-006-1-1	US	11/014,344	14-Dec-04		
T00-008	US	60/194,912	5-Apr-00		
T00-008-1	US	09/828,270	5-Apr-01	6,727,267	27-Apr-04
T00-009	US	60/230,585	5-Sep-00		
T00-009-1	US	60/258,092	22-Dec-00		
T00-009-2	US	60/265,215	30-Jan-01		
T00-009-3	US	09/945,293	31-Aug-01	6,777,446	17-Aug-04
T00-009-4	US	10/794,228	4-Mar-04		
T00-010	US	60/198,465	18-Apr-00		
T00-011	US	60/204,234	15-May-00		



File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T00-011-1	US	09/837,992	18-Apr-01		
T00-012	US	09/706,236	2-Nov-00	6,822,138	23-Nov-04
T00-013	US	60/213,461	23-Jun-00		
T00-013-1	US	09/891,138	25-Jun-01		
T00-014	US	60/214,810	28-Jun-00		
T00-014-1	US	09/894,980	27-Jun-01	6,583,157	24-Jun-03
T00-014-2	US	10/278,851	21-Oct-02		
T00-014-3	US	10/719,997	20-Nov-03		
T00-015	US	60/257,831	20-Dec-00		
T00-016	US	60/239,464	10-Oct-00		
T00-018	US	60/186,249	1-Mar-00		
T00-018-1	US	09/798,247	1-Mar-01	6,605,615	12-Aug-03
T00-019	US	60/259,502	2-Jan-01		
T00-019-1	US	10/041,030	28-Dec-01		
T00-020	US	60/254,030	6-Dec-00		
T00-020-1	US	60/261,134	11-Jan-01		
T00-020-2	US	10/010,740	5-Dec-01		
T00-021	US	60/308,027	25-Jul-01		
T00-022	US	60/265,001	29-Jan-01		
T00-023	US	60/245,878	3-Nov-00		
T00-023-1	US	10/052,905	2-Nov-01	6,822,001	23-Nov-04

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T00-023-1-1	US	10/977,364	29-Oct-04		
T00-023-1-2	US	10/997,784	23-Nov-04		
T00-024	US	60/252,235	20-Nov-00		
T00-024-1	US	60/253,645	28-Nov-00		
T00-024-2	US	09/989,981	20-Nov-01	6,821,750	23-Nov-04
T00-025	US	60/252,841	22-Nov-00		
T00-025-1	US	09/990,940	21-Nov-01		
T00-025-2	US	11/038,360	18-Jan-05		
T00-026	US	60/257,636	22-Dec-00		
T00-026-1	US	60/279,554	28-Mar-01		
T00-027	US	60/267,615	8-Feb-01		
T00-027-1	US	10/071,838	8-Feb-02		
T00-029	US	60/261,377	12-Jan-01		
T00-029-1	US	60/280,696	29-Mar-01		
T00-030	US	60/267,644	8-Feb-01		
T00-030-1	US	10/072,474	8-Feb-02		
T00-031	US	60/269,778	16-Feb-01		
T00-031-1	US	10/078,246	14-Feb-02		
T01-001	US	60/276,649	16-Mar-01		
T01-001-1	US	10/094,417	8-Mar-02		
T01-002	US	09/802,803	9-Mar-01		

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T01-004	US	60/268,361	14-Feb-01		
T01-004-1	US	10/073,060	12-Feb-02		
T01-005	US	09/850,948	7-May-01		
T01-005-2	US	10/273,575	18-Oct-02		
T01-006	US	09/782,535	13-Feb-01		
T01-009	US	60/288,665	4-May-01		
T01-009-1	US	10/138,279	3-May-02	6,858,619	22-Feb-05
T01-009-2	US	10/289,933	6-Nov-02	6,809,104	26-Oct-04
T01-009-3	US	10/928,029	26-Aug-04		
T01-012	US	60/302,193	29-Jun-01		
T01-012-1	US	10/481,218	12-Jul-04		
T01-013	US	60/302,800	3-Jul-01		
T01-013-1	US	10/188,405	1-Jul-02		
T01-015	US	60/337,745	7-Nov-01		
T01-015-1	US	10/290,088	6-Nov-02		
T01-016	US	60/322,556	14-Sep-01		
T01-016-1	US	60/335,434	30-Nov-01		
T01-016-2	US	60/378,627	7-May-02		
T01-016-3	US	60/386,833	6-Jun-02		
T01-016-4	US	10/244,063	13-Sep-02	6,869,975	22-Mar-05
T01-016-4-1	US	10/939,918	20-Aug-04		

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T01-018	US	60/329,043	11-Oct-01		
T01-018-1	US	10/269,216	11-Oct-02		
T01-019	US	60/329,691	12-Oct-01		
T01-019-1	US	10/269,463	11-Oct-02		
T01-020	US	60/335,400	30-Oct-01		
T01-025	US	60/349,783	16-Jan-02		
T01-025-1	US	10/340,378	10-Jan-03		
T01-026	US	60/353,496	30-Jan-02		
T01-026-1	US	10/354,923	29-Jan-03		
T02-001	US	60/365,206	19-Mar-02		
T02-004	US	60/381,407	17-May-02		
T02-004-1	US	60/393,685	2-Jul-02		
T02-004-1-1	US	10/440,039	16-May-03		
T02-004-2	US	60/424,093	5-Nov-02		
T02-004-2-1	US	10/703,145	5-Nov-03		
T02-004-3	US	60/474,124	28-May-03		
T02-005	US	60/368,975	2-Apr-02		
T02-008	US	60/412,300	20-Sep-02		
T02-008-1	US	60/422,593	31-Oct-02		
T02-008-2	US	60/422,531	31-Oct-02		
T02-008-3	US	10/665,986	19-Sep-03		

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T02-008-4	US	10/666,857	19-Sep-03		
T02-009	US	60/413,335	24-Sep-02		
T02-009-1	US	10/669,606	23-Sep-03		
T02-011	US	60/421,142	25-Nov-02		
T02-011-1	US	60/444,153	30-Jan-03		
T02-011-2	US	10/719,692	21-Nov-03		
T02-013	US	60/424,456	6-Nov-02		
T02-013-1	US	10/705,173	6-Nov-03		
T02-016	US	60/435,366	20-Dec-02		
T02-016-1	US	10/742,281	19-Dec-03		
T03-001	US	60/437,816	3-Jan-03		
T03-003	US	60/470,330	13-May-03		
T03-003-1	US	10/845,485	12-May-04		
T03-006	US	60/460,006	4-Apr-03		
T03-006-1	US	10/807,415	24-Mar-04		
T03-007	US	60/462,702	15-Apr-03		
T03-007-1	US	10/817,418	5-Apr-04		
T03-008	US	60/517,218	31-Oct-03		
T03-008-1	US	60/518,258	6-Nov-03		
T03-008-2	US	10/978,221	29-Oct-04		
T03-011	US	60/479,833	20-Jun-03		

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T03-011-1	US	10/867,183	15-Jun-04		
T03-013	US	60/485,978	9-Jul-03		
T03-013-1	US	10/887,341	7-Jul-04		
T03-014	US	60/508,470	3-Oct-03		
T03-014-1	US	10/956,251	1-Oct-04		
T03-015	US	60/523,463	12-Dec-03		
T03-016	US	60/524,050	24-Nov-03		
T04-001	US	60/583,682	29-Jun-04		
T04-002	US	60/583,898	29-Jun-04		
T04-005	US	60/601,578	12-Aug-04		
T04-009	US	60/551,656	8-Mar-04		
T04-016	US	60/601,223	13-Aug-04		
T92-001	US	07/989,842	4-Dec-92		
T92-001-1	US	08/046,585	12-Apr-93	5,453,362	26-Sep-95
T92-001-2	US	08/393,703	24-Feb-95	5,585,239	17-Dec-96
T94-001	US	08/235,503	29-Apr-94	5,563,036	8-Oct-96
T94-002	US	08/246,977	20-May-94		
T94-002-1	US	08/704,398	17-Jul-96	5,679,525	21-Oct-97
T94-003	US	08/270,653	5-Jul-94		
T94-003-1	US	08/396,479	2-Mar-95	5,612,455	18-Mar-97
T94-003-2	US	08/818,823	14-Mar-97	5,708,158	13-Jan-98

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T94-004	US	08/269,604	15-Jul-94		
T94-004-1	US	08/276,099	15-Jul-94	5,591,825	7-Jan-97
T94-004-2	US	08/781,890	5-Jan-97	5,710,266	20-Jan-98
T94-005	US	08/348,797	2-Dec-94	5,635,349	3-Jun-97
T95-001	US	08/393,333	23-Feb-95	5,618,693	8-Apr-97
T95-002	US	08/408,318	22-Mar-95	5,639,858	17-Jun-97
T95-002-1	US	08/839,164	23-Apr-97	5,756,700	26-May-98
T95-003	US	08/414,625	31-Mar-95	5,563,039	8-Oct-96
T95-004	US	08/494,006	23-Jun-95		
T95-004-1	US	08/587,889	16-Jan-96	5,654,397	5-Aug-97
T95-005	US	08/512,946	8-Aug-95		
T95-005-1	US	08/569,749	8-Dec-95	6,187,557	13-Feb-01
T95-005-2	US	09/689,366	12-Oct-00	6,821,736	23-Nov-04
T95-005-3	US	10/232,286	30-Aug-02	6,855,815	15-Feb-05
T95-005-4	US	10/934,717	3-Sep-04		
T95-006	US	08/553,727	23-Oct-95		
T95-006-1	US	09/132,118	11-Aug-98	6,211,337	3-Apr-01
T95-006-2	US	09/758,003	9-Jan-01		
T95-007	US	08/558,545	16-Nov-95	5,698,389	16-Dec-97
T96-001	US	08/605,431	22-Feb-96		
T96-001-1	US	60/022,198	17-Jul-96		

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T96-001-2	US	08/896,827	18-Jul-97	5,880,151	9-Mar-99
T96-001-2A	US	09/227,216	6-Jan-99	6,121,304	19-Sep-00
T96-001-2A-1	US	09/633,740	7-Aug-00	6,316,484	13-Nov-01
T96-001-2A-1-2	US	09/972,743	5-Oct-01		
T96-001-5	US	09/872,463	31-May-01	6,388,131	14-May-02
T96-002	US	08/616,046	14-Mar-96	5,705,344	6-Jan-98
T96-003	US	60/013,981	22-Mar-96		
T96-003-1	US	08/823,051	21-Mar-97	5,866,760	2-Feb-99
T96-004	US	08/639,237	19-Apr-96	5,710,013	20-Jan-98
T96-004-1	US	08/975,405	20-Nov-97	5,767,244	16-Jun-98
T96-005	US	08/676,967	8-Jul-96	5,747,317	5-May-98
T96-005-1	US	09/072,270	4-May-98	5,888,747	30-Mar-99
T96-006	US	08/677,862	10-Jul-96	5,874,230	23-Feb-99
T96-006-1	US	09/252,571	18-Feb-99	5,981,250	9-Nov-99
T96-006-2	US	09/434,065	5-Nov-99	6,107,074	22-Aug-00
T96-007	US	08/702,970	26-Aug-96	5,759,787	2-Jun-98
T96-008(C)	US	09/381,829	24-Sep-99	6,159,974	12-Dec-00
T96-009	US	08/707,408	4-Sep-96	5,780,258	14-Jul-98
T96-009-1	US	09/114,552	13-Jul-98	6,432,654	13-Aug-02
T97-001	US	08/795,088	5-Feb-97	6,242,569	5-Jun-01
T97-001-1	US	09/861,270	18-May-01		



File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T97-002	US	08/812,533	7-Mar-97	5,837,514	17-Nov-98
T97-002-1	US	08/971,937	17-Nov-97	5,776,717	7-Jul-98
T97-003	US	08/846,012	25-Apr-97	5,807,740	15-Sep-98
T97-003-1	US	09/100,297	19-Jun-98	5,849,514	15-Dec-98
T97-004	US	08/866,942	31-May-97	6,566,089	20-May-03
T97-004-1	US	10/365,958	13-Feb-03		
T97-005	US	08/882,606	25-Jun-97		
T97-006	US	08/887,114	1-Jul-97		
T97-006-1	US	08/890,853	10-Jul-97	5,851,812	22-Dec-98
T97-006-2	US	09/099,124	17-Jun-98	5,939,302	17-Aug-99
T97-006-3	US	09/099,125	17-Jun-98	5,916,760	29-Jun-99
T97-007	US	08/887,115	1-Jul-97		
T97-007-1	US	08/890,854	10-Jul-97	6,235,512	22-May-01
T97-007-2	US	09/023,324	13-Feb-98	6,235,513	22-May-01
T97-007-3	US	09/032,476	26-Feb-98	6,235,492	22-May-01
T97-007-4	US	09/109,986	2-Jul-98	6,479,266	12-Nov-02
T97-007-5	US	10/243,408	13-Sep-02		
T97-008	US	08/887,518	3-Jul-97	5,843,721	1-Dec-98
T97-008-1	US	09/023,321	13-Feb-98	5,844,073	1-Dec-98
T97-008-2	US	09/032,475	26-Feb-98	5,854,003	29-Dec-98
T97-009	US	08/937,466	25-Sep-97	5,846,779	8-Dec-98

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T97-009-1	US	09/172,528	14-Oct-98	5,952,469	14-Sep-99
T97-009-2	US	09/318,199	25-May-99	6,025,469	15-Feb-00
T97-009-3	US	09/503,579	14-Feb-00	6,248,561	19-Jun-01
T97-010	US	08/948,277	9-Oct-97	5,849,581	15-Dec-98
T97-010-1	US	09/169,203	9-Oct-98	5,976,808	2-Nov-99
T97-011	US	08/971,244	16-Nov-97	5,891,719	6-Apr-99
T97-011-1	US	09/286,891	6-Apr-99	6,172,195	9-Jan-01
T97-012	US	08/975,614	21-Nov-97	6,555,326	29-Apr-03
T97-012-1	US	09/163,713	30-Sep-98		
T97-013	US	60/067,708	8-Dec-97		
T97-013-1	US	09/132,619	11-Aug-98	5,958,697	28-Sep-99
T97-013-2	US	09/282,803	31-Mar-99	6,027,901	22-Feb-00
T97-013-3	US	09/510,654	22-Feb-00	6,297,019	2-Oct-01
T97-014	US	08/991,944	16-Dec-97	6,280,955	28-Aug-01
T98-001	US	60/075,005	17-Feb-98		
T98-001-1	US	09/249,641	12-Feb-99	6,200,977	13-Mar-01
T98-001-1-2	US	09/737,983	15-Dec-00	6,528,513	4-Mar-03
T98-001-1-3	US	10/350,801	24-Jan-03	6,835,726	28-Dec-04
T98-002	US	60/071,137	13-Jan-98		
T98-002-1	US	09/226,703	7-Jan-99	6,191,170	20-Feb-01
T98-002-1-2	US	09/736,040	12-Dec-00	6,583,161	24-Jun-03

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T98-003	US	60/073,042	29-Jan-98		
T98-003-1	US	09/234,327	20-Jan-99	6,200,995	13-Mar-01
T98-003-2	US	09/741,415	19-Dec-00	6,620,827	16-Sep-03
T98-003-3	US	10/123,298	15-Apr-02		
T98-004	US	60/075,224	19-Feb-98		
T98-004-1	US	09/247,496	10-Feb-99		
T98-005	US	09/025,979	19-Feb-98	6,153,384	28-Nov-00
T98-006	US	09/037,154	9-Mar-98	5,998,152	7-Dec-99
T98-006-1	US	09/351,662	13-Jul-99	6,197,527	6-Mar-01
T98-007	US	09/052,924	31-Mar-98	6,043,038	28-Mar-00
T98-008	US	09/052,841	31-Mar-98		
T98-009	US	09/052,995	31-Mar-98	6,183,956	6-Feb-01
T98-010	US	09/074,580	7-May-98	5,962,244	5-Oct-99
T98-011	US	09/053,003	31-Mar-98	6,207,391	27-Mar-01
T98-011-1	US	09/818,094	26-Mar-01	6,682,898	27-Jan-04
T98-012	US	60/092,098	8-Jul-98		
T98-012-1	US	09/349,208	7-Jul-99	6,426,331	30-Jul-02
T98-013	US	09/035,676	5-Mar-98	6,437,113	20-Aug-02
T98-013-1	US	09/416,213	8-Oct-99	6,110,690	29-Aug-00
T98-013-2	US	09/416,214	8-Oct-99	6,413,728	2-Jul-02
T98-013-3	US	10/161,346	30-May-02	6,838,550	4-Jan-05

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T98-014	US	60/090,681	25-Jun-98		
T98-014-1	US	09/336,062	18-Jun-99		
T98-014-2	US	09/595,398	14-Jun-00	6,211,167	3-Apr-01
T98-014-3	US	09/779,419	7-Feb-01	6,417,176	9-Jul-02
T98-015	US	60/093,570	20-Jul-98		
T98-015-1	US	09/353,976	15-Jul-99	6,153,585	28-Nov-00
T98-015-1-1	US	09/671,937	27-Sep-00	6,630,513	7-Oct-03
T98-016	US	09/124,312	29-Jul-98	6,569,619	20-May-03
T98-017	US	09/130,858	7-Aug-98		
T98-018	US	09/124,293	29-Jul-98		
T98-018-1	US	09/884,814	18-Jun-01		
T98-019	US	09/135,232	17-Aug-98	6,262,228	17-Jul-01
T98-019-1	US	09/863,549	22-May-01	6,576,444	10-Jun-03
T98-020	US	60/100,888	23-Sep-98		
T98-020-1	US	09/399,907	21-Sep-99	6,214,880	10-Apr-01
T98-020-2	US	09/792,669	21-Feb-01	6,583,165	24-Jun-03
T98-021	US	09/178,358	23-Oct-98		
T98-022	US	60/112,613	17-Dec-98		
T98-022-1	US	09/464,217	15-Dec-99	6,433,187	13-Aug-02
T98-023	US	09/213,678	17-Dec-98		
T99-001	US	60/115,249	7-Jan-99		

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T99-001-1	US	09/478,948	6-Jan-00	6,465,258	15-Oct-02
T99-001-1-1	US	10/217,293	12-Aug-02		
T99-002	US	60/115,292	8-Jan-99		
T99-002-1	US	09/479,315	6-Jan-00		
T99-003	US	60/116,392	19-Jan-99		
T99-003-1	US	09/484,863	18-Jan-00		
T99-005	US	60/124,525	15-Mar-99		
T99-005-1	US	09/525,861	14-Mar-00	6,316,503	13-Nov-01
T99-006	US	60/142,994	8-Jul-99		
T99-006-1	US	09/612,135	7-Jul-00		
T99-007	US	60/142,720	7-Jul-99		
T99-007-1	US	09/612,117	7-Jul-00		
T99-009	US	60/133,268	10-May-99		
T99-009-1	US	09/567,856	9-May-00		
T99-011	US	09/377,554	19-Aug-99	6,306,615	23-Oct-01
T99-011-1	US	09/934,025	21-Aug-01		
T99-012	US	60/134,931	19-May-99		
T99-012-1	US	09/575,208	18-May-00		
T99-013	US	60/159,236	13-Oct-99		
T99-013-1	US	09/680,571	6-Oct-00	6,649,593	18-Nov-03
T99-014	US	09/461,508	14-Dec-99	6,458,538	1-Oct-02

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T99-014-1	US	10/226,803	21-Aug-02		
T99-015	US	60/161,201	22-Oct-99		
T99-015-1	US	09/694,094	20-Oct-00	6,489,453	3-Dec-02
T99-015-1-1	US	10/308,373	2-Dec-02		
T99-016	US	09/417,559	13-Oct-99	6,372,444	16-Apr-02
T99-018	US	60/176,395	13-Jan-00		
T99-018-1	US	09/759,595	11-Jan-01	6,818,419	16-Nov-04
T99-018-2	US	10/990,276	15-Nov-04		
T99-019	US	60/175,892	13-Jan-00		
T99-019-1	US	09/759,633	12-Jan-01	6,780,858	24-Aug-04
T99-019-2	US	10/877,408	25-Jun-04		
T99-020	US	60/161,687	26-Oct-99		
T99-020-1	US	60/167,556	23-Nov-99		
T99-020-1-1	US	09/696,733	25-Oct-00		
T99-021	US	60/176,398	13-Jan-00		
T99-021-1	US	09/760,364	12-Jan-01		
T99-022	US	60/176,000	12-Jan-00		
T99-022-1	US	09/757,291	8-Jan-01	6,410,726	25-Jun-02
T99-022-2	US	10/165,773	6-Jun-02	6,599,911	29-Jul-03
T99-023	US	60/201,988	3-May-00		
T99-023-1	US	09/847,962	2-May-01	6,673,923	6-Jan-04

ASSIGNMENT

WHEREAS, AMGEN SF, LLC (hereinafter "ASF"), a limited liability company incorporated under the laws of the State of Delaware, United States of America, and having a place of business at 1120 Veterans Boulevard, South San Francisco, California 94080, is the assignee of interest of the inventions set forth in U.S. and foreign patents and U.S. and foreign Patent Applications, listed on Appendix A hereto;

WHEREAS, AMGEN INC. (hereinafter "AMGEN"), a corporation organized under the laws of the State of Delaware, United States of America, and having a place of business at One Amgen Center Drive, Thousand Oaks, California 91320-1799, is desirous of acquiring all interest in and to said inventions and to the Patents and Patent Applications listed in Appendix A;

NOW, THEREFORE, be it known to all whom it may concern:

THAT for good and valuable consideration the receipt of which is hereby acknowledged, ASF has and does hereby sell, assign, transfer and set over unto AMGEN, its successors and assigns, the full and exclusive right, title and interest including all rights acquired in foreign countries, in and to said Patents and Patent Applications (listed in Appendix A, attached hereto and incorporated herein by reference), including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, and in and to any and all letters patents to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but for, to and in all other countries; and it has been and is hereby authorized and requested that the appropriate government agencies issue said letters patents to AMGEN, in accordance with this assignment.

THIS 17<sup>th</sup> day of June 2005.

AMGEN SF, LLC.

By: Stuart L. Watt

Name: Stuart L. Watt

Title: Vice President,  
Law and Intellectual Property

STATE OF CALIFORNIA )

)

COUNTY OF VENTURA )

On 17 day of June 2005, before me personally appeared Stuart L. Watt, known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

L. Holtke  
Notary Public



# APPENDIX A

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T00-001	US	60/201,601	3-May-00		
T00-001-1	US	09/848,990	3-May-01		
T00-002	US	60/186,047	1-Mar-00		
T00-003	US	09/524,435	13-Mar-00	6,365,366	2-Apr-02
T00-004	US	60/194,911	5-Apr-00		
T00-004-1	US	09/827,837	4-Apr-01	6,673,543	6-Jan-04
T00-005	US	60/201,613	3-May-00		
T00-005-1	US	09/847,887	2-May-01	6,653,332	25-Nov-03
T00-005-2	US	10/456,932	5-Jun-03		
T00-006	US	60/246,876	8-Nov-00		
T00-006-1	US	10/008,244	7-Nov-01	6,884,782	26-Apr-05
T00-006-1-1	US	11/014,344	14-Dec-04		
T00-008	US	60/194,912	5-Apr-00		
T00-008-1	US	09/828,270	5-Apr-01	6,727,267	27-Apr-04
T00-009	US	60/230,585	5-Sep-00		
T00-009-1	US	60/258,092	22-Dec-00		
T00-009-2	US	60/265,215	30-Jan-01		
T00-009-3	US	09/945,293	31-Aug-01	6,777,446	17-Aug-04
T00-009-4	US	10/794,228	4-Mar-04		
T00-010	US	60/198,465	18-Apr-00		
T00-011	US	60/204,234	15-May-00		



File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T00-011-1	US	09/837,992	18-Apr-01		
T00-012	US	09/706,236	2-Nov-00	6,822,138	23-Nov-04
T00-013	US	60/213,461	23-Jun-00		
T00-013-1	US	09/891,138	25-Jun-01		
T00-014	US	60/214,810	28-Jun-00		
T00-014-1	US	09/894,980	27-Jun-01	6,583,157	24-Jun-03
T00-014-2	US	10/278,851	21-Oct-02		
T00-014-3	US	10/719,997	20-Nov-03		
T00-015	US	60/257,831	20-Dec-00		
T00-016	US	60/239,464	10-Oct-00		
T00-018	US	60/186,249	1-Mar-00		
T00-018-1	US	09/798,247	1-Mar-01	6,605,615	12-Aug-03
T00-019	US	60/259,502	2-Jan-01		
T00-019-1	US	10/041,030	28-Dec-01		
T00-020	US	60/254,030	6-Dec-00		
T00-020-1	US	60/261,134	11-Jan-01		
T00-020-2	US	10/010,740	5-Dec-01		
T00-021	US	60/308,027	25-Jul-01		
T00-022	US	60/265,001	29-Jan-01		
T00-023	US	60/245,878	3-Nov-00		
T00-023-1	US	10/052,905	2-Nov-01	6,822,001	23-Nov-04

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T00-023-1-1	US	10/977,364	29-Oct-04		
T00-023-1-2	US	10/997,784	23-Nov-04		
T00-024	US	60/252,235	20-Nov-00		
T00-024-1	US	60/253,645	28-Nov-00		
T00-024-2	US	09/989,981	20-Nov-01	6,821,750	23-Nov-04
T00-025	US	60/252,841	22-Nov-00		
T00-025-1	US	09/990,940	21-Nov-01		
T00-025-2	US	11/038,360	18-Jan-05		
T00-026	US	60/257,636	22-Dec-00		
T00-026-1	US	60/279,554	28-Mar-01		
T00-027	US	60/267,615	8-Feb-01		
T00-027-1	US	10/071,838	8-Feb-02		
T00-029	US	60/261,377	12-Jan-01		
T00-029-1	US	60/280,696	29-Mar-01		
T00-030	US	60/267,644	8-Feb-01		
T00-030-1	US	10/072,474	8-Feb-02		
T00-031	US	60/269,778	16-Feb-01		
T00-031-1	US	10/078,246	14-Feb-02		
T01-001	US	60/276,649	16-Mar-01		
T01-001-1	US	10/094,417	8-Mar-02		
T01-002	US	09/802,803	9-Mar-01		

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T01-004	US	60/268,361	14-Feb-01		
T01-004-1	US	10/073,060	12-Feb-02		
T01-005	US	09/850,948	7-May-01		
T01-005-2	US	10/273,575	18-Oct-02		
T01-006	US	09/782,535	13-Feb-01		
T01-009	US	60/288,665	4-May-01		
T01-009-1	US	10/138,279	3-May-02	6,858,619	22-Feb-05
T01-009-2	US	10/289,933	6-Nov-02	6,809,104	26-Oct-04
T01-009-3	US	10/928,029	26-Aug-04		
T01-012	US	60/302,193	29-Jun-01		
T01-012-1	US	10/481,218	12-Jul-04		
T01-013	US	60/302,800	3-Jul-01		
T01-013-1	US	10/188,405	1-Jul-02		
T01-015	US	60/337,745	7-Nov-01		
T01-015-1	US	10/290,088	6-Nov-02		
T01-016	US	60/322,556	14-Sep-01		
T01-016-1	US	60/335,434	30-Nov-01		
T01-016-2	US	60/378,627	7-May-02		
T01-016-3	US	60/386,833	6-Jun-02		
T01-016-4	US	10/244,063	13-Sep-02	6,869,975	22-Mar-05
T01-016-4-1	US	10/939,918	20-Aug-04		

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T01-018	US	60/329,043	11-Oct-01		
T01-018-1	US	10/269,216	11-Oct-02		
T01-019	US	60/329,691	12-Oct-01		
T01-019-1	US	10/269,463	11-Oct-02		
T01-020	US	60/335,400	30-Oct-01		
T01-025	US	60/349,783	16-Jan-02		
T01-025-1	US	10/340,378	10-Jan-03		
T01-026	US	60/353,496	30-Jan-02		
T01-026-1	US	10/354,923	29-Jan-03		
T02-001	US	60/365,206	19-Mar-02		
T02-004	US	60/381,407	17-May-02		
T02-004-1	US	60/393,685	2-Jul-02		
T02-004-1-1	US	10/440,039	16-May-03		
T02-004-2	US	60/424,093	5-Nov-02		
T02-004-2-1	US	10/703,145	5-Nov-03		
T02-004-3	US	60/474,124	28-May-03		
T02-005	US	60/368,975	2-Apr-02		
T02-008	US	60/412,300	20-Sep-02		
T02-008-1	US	60/422,593	31-Oct-02		
T02-008-2	US	60/422,531	31-Oct-02		
T02-008-3	US	10/665,986	19-Sep-03		

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T02-008-4	US	10/666,857	19-Sep-03		
T02-009	US	60/413,335	24-Sep-02		
T02-009-1	US	10/669,606	23-Sep-03		
T02-011	US	60/421,142	25-Nov-02		
T02-011-1	US	60/444,153	30-Jan-03		
T02-011-2	US	10/719,692	21-Nov-03		
T02-013	US	60/424,456	6-Nov-02		
T02-013-1	US	10/705,173	6-Nov-03		
T02-016	US	60/435,366	20-Dec-02		
T02-016-1	US	10/742,281	19-Dec-03		
T03-001	US	60/437,816	3-Jan-03		
T03-003	US	60/470,330	13-May-03		
T03-003-1	US	10/845,485	12-May-04		
T03-006	US	60/460,006	4-Apr-03		
T03-006-1	US	10/807,415	24-Mar-04		
T03-007	US	60/462,702	15-Apr-03		
T03-007-1	US	10/817,418	5-Apr-04		
T03-008	US	60/517,218	31-Oct-03		
T03-008-1	US	60/518,258	6-Nov-03		
T03-008-2	US	10/978,221	29-Oct-04		
T03-011	US	60/479,833	20-Jun-03		

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T03-011-1	US	10/867,183	15-Jun-04		
T03-013	US	60/485,978	9-Jul-03		
T03-013-1	US	10/887,341	7-Jul-04		
T03-014	US	60/508,470	3-Oct-03		
T03-014-1	US	10/956,251	1-Oct-04		
T03-015	US	60/523,463	12-Dec-03		
T03-016	US	60/524,050	24-Nov-03		
T04-001	US	60/583,682	29-Jun-04		
T04-002	US	60/583,898	29-Jun-04		
T04-005	US	60/601,578	12-Aug-04		
T04-009	US	60/551,656	8-Mar-04		
T04-016	US	60/601,223	13-Aug-04		
T92-001	US	07/989,842	4-Dec-92		
T92-001-1	US	08/046,585	12-Apr-93	5,453,362	26-Sep-95
T92-001-2	US	08/393,703	24-Feb-95	5,585,239	17-Dec-96
T94-001	US	08/235,503	29-Apr-94	5,563,036	8-Oct-96
T94-002	US	08/246,977	20-May-94		
T94-002-1	US	08/704,398	17-Jul-96	5,679,525	21-Oct-97
T94-003	US	08/270,653	5-Jul-94		
T94-003-1	US	08/396,479	2-Mar-95	5,612,455	18-Mar-97
T94-003-2	US	08/818,823	14-Mar-97	5,708,158	13-Jan-98

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T94-004	US	08/269,604	15-Jul-94		
T94-004-1	US	08/276,099	15-Jul-94	5,591,825	7-Jan-97
T94-004-2	US	08/781,890	5-Jan-97	5,710,266	20-Jan-98
T94-005	US	08/348,797	2-Dec-94	5,635,349	3-Jun-97
T95-001	US	08/393,333	23-Feb-95	5,618,693	8-Apr-97
T95-002	US	08/408,318	22-Mar-95	5,639,858	17-Jun-97
T95-002-1	US	08/839,164	23-Apr-97	5,756,700	26-May-98
T95-003	US	08/414,625	31-Mar-95	5,563,039	8-Oct-96
T95-004	US	08/494,006	23-Jun-95		
T95-004-1	US	08/587,889	16-Jan-96	5,654,397	5-Aug-97
T95-005	US	08/512,946	8-Aug-95		
T95-005-1	US	08/569,749	8-Dec-95	6,187,557	13-Feb-01
T95-005-2	US	09/689,366	12-Oct-00	6,821,736	23-Nov-04
T95-005-3	US	10/232,286	30-Aug-02	6,855,815	15-Feb-05
T95-005-4	US	10/934,717	3-Sep-04		
T95-006	US	08/553,727	23-Oct-95		
T95-006-1	US	09/132,118	11-Aug-98	6,211,337	3-Apr-01
T95-006-2	US	09/758,003	9-Jan-01		
T95-007	US	08/558,545	16-Nov-95	5,698,389	16-Dec-97
T96-001	US	08/605,431	22-Feb-96		
T96-001-1	US	60/022,198	17-Jul-96		

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T96-001-2	US	08/896,827	18-Jul-97	5,880,151	9-Mar-99
T96-001-2A	US	09/227,216	6-Jan-99	6,121,304	19-Sep-00
T96-001-2A-1	US	09/633,740	7-Aug-00	6,316,484	13-Nov-01
T96-001-2A-1-2	US	09/972,743	5-Oct-01		
T96-001-5	US	09/872,463	31-May-01	6,388,131	14-May-02
T96-002	US	08/616,046	14-Mar-96	5,705,344	6-Jan-98
T96-003	US	60/013,981	22-Mar-96		
T96-003-1	US	08/823,051	21-Mar-97	5,866,760	2-Feb-99
T96-004	US	08/639,237	19-Apr-96	5,710,013	20-Jan-98
T96-004-1	US	08/975,405	20-Nov-97	5,767,244	16-Jun-98
T96-005	US	08/676,967	8-Jul-96	5,747,317	5-May-98
T96-005-1	US	09/072,270	4-May-98	5,888,747	30-Mar-99
T96-006	US	08/677,862	10-Jul-96	5,874,230	23-Feb-99
T96-006-1	US	09/252,571	18-Feb-99	5,981,250	9-Nov-99
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T96-007	US	08/702,970	26-Aug-96	5,759,787	2-Jun-98
T96-008(C)	US	09/381,829	24-Sep-99	6,159,974	12-Dec-00
T96-009	US	08/707,408	4-Sep-96	5,780,258	14-Jul-98
T96-009-1	US	09/114,552	13-Jul-98	6,432,654	13-Aug-02
T97-001	US	08/795,088	5-Feb-97	6,242,569	5-Jun-01
T97-001-1	US	09/861,270	18-May-01		



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T97-002	US	08/812,533	7-Mar-97	5,837,514	17-Nov-98
T97-002-1	US	08/971,937	17-Nov-97	5,776,717	7-Jul-98
T97-003	US	08/846,012	25-Apr-97	5,807,740	15-Sep-98
T97-003-1	US	09/100,297	19-Jun-98	5,849,514	15-Dec-98
T97-004	US	08/866,942	31-May-97	6,566,089	20-May-03
T97-004-1	US	10/365,958	13-Feb-03		
T97-005	US	08/882,606	25-Jun-97		
T97-006	US	08/887,114	1-Jul-97		
T97-006-1	US	08/890,853	10-Jul-97	5,851,812	22-Dec-98
T97-006-2	US	09/099,124	17-Jun-98	5,939,302	17-Aug-99
T97-006-3	US	09/099,125	17-Jun-98	5,916,760	29-Jun-99
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T97-007-1	US	08/890,854	10-Jul-97	6,235,512	22-May-01
T97-007-2	US	09/023,324	13-Feb-98	6,235,513	22-May-01
T97-007-3	US	09/032,476	26-Feb-98	6,235,492	22-May-01
T97-007-4	US	09/109,986	2-Jul-98	6,479,266	12-Nov-02
T97-007-5	US	10/243,408	13-Sep-02		
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T97-008-1	US	09/023,321	13-Feb-98	5,844,073	1-Dec-98
T97-008-2	US	09/032,475	26-Feb-98	5,854,003	29-Dec-98
T97-009	US	08/937,466	25-Sep-97	5,846,779	8-Dec-98

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T97-009-1	US	09/172,528	14-Oct-98	5,952,469	14-Sep-99
T97-009-2	US	09/318,199	25-May-99	6,025,469	15-Feb-00
T97-009-3	US	09/503,579	14-Feb-00	6,248,561	19-Jun-01
T97-010	US	08/948,277	9-Oct-97	5,849,581	15-Dec-98
T97-010-1	US	09/169,203	9-Oct-98	5,976,808	2-Nov-99
T97-011	US	08/971,244	16-Nov-97	5,891,719	6-Apr-99
T97-011-1	US	09/286,891	6-Apr-99	6,172,195	9-Jan-01
T97-012	US	08/975,614	21-Nov-97	6,555,326	29-Apr-03
T97-012-1	US	09/163,713	30-Sep-98		
T97-013	US	60/067,708	8-Dec-97		
T97-013-1	US	09/132,619	11-Aug-98	5,958,697	28-Sep-99
T97-013-2	US	09/282,803	31-Mar-99	6,027,901	22-Feb-00
T97-013-3	US	09/510,654	22-Feb-00	6,297,019	2-Oct-01
T97-014	US	08/991,944	16-Dec-97	6,280,955	28-Aug-01
T98-001	US	60/075,005	17-Feb-98		
T98-001-1	US	09/249,641	12-Feb-99	6,200,977	13-Mar-01
T98-001-1-2	US	09/737,983	15-Dec-00	6,528,513	4-Mar-03
T98-001-1-3	US	10/350,801	24-Jan-03	6,835,726	28-Dec-04
T98-002	US	60/071,137	13-Jan-98		
T98-002-1	US	09/226,703	7-Jan-99	6,191,170	20-Feb-01
T98-002-1-2	US	09/736,040	12-Dec-00	6,583,161	24-Jun-03

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T98-003	US	60/073,042	29-Jan-98		
T98-003-1	US	09/234,327	20-Jan-99	6,200,995	13-Mar-01
T98-003-2	US	09/741,415	19-Dec-00	6,620,827	16-Sep-03
T98-003-3	US	10/123,298	15-Apr-02		
T98-004	US	60/075,224	19-Feb-98		
T98-004-1	US	09/247,496	10-Feb-99		
T98-005	US	09/025,979	19-Feb-98	6,153,384	28-Nov-00
T98-006	US	09/037,154	9-Mar-98	5,998,152	7-Dec-99
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T98-007	US	09/052,924	31-Mar-98	6,043,038	28-Mar-00
T98-008	US	09/052,841	31-Mar-98		
T98-009	US	09/052,995	31-Mar-98	6,183,956	6-Feb-01
T98-010	US	09/074,580	7-May-98	5,962,244	5-Oct-99
T98-011	US	09/053,003	31-Mar-98	6,207,391	27-Mar-01
T98-011-1	US	09/818,094	26-Mar-01	6,682,898	27-Jan-04
T98-012	US	60/092,098	8-Jul-98		
T98-012-1	US	09/349,208	7-Jul-99	6,426,331	30-Jul-02
T98-013	US	09/035,676	5-Mar-98	6,437,113	20-Aug-02
T98-013-1	US	09/416,213	8-Oct-99	6,110,690	29-Aug-00
T98-013-2	US	09/416,214	8-Oct-99	6,413,728	2-Jul-02
T98-013-3	US	10/161,346	30-May-02	6,838,550	4-Jan-05

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T98-014	US	60/090,681	25-Jun-98		
T98-014-1	US	09/336,062	18-Jun-99		
T98-014-2	US	09/595,398	14-Jun-00	6,211,167	3-Apr-01
T98-014-3	US	09/779,419	7-Feb-01	6,417,176	9-Jul-02
T98-015	US	60/093,570	20-Jul-98		
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T98-015-1-1	US	09/671,937	27-Sep-00	6,630,513	7-Oct-03
T98-016	US	09/124,312	29-Jul-98	6,569,619	20-May-03
T98-017	US	09/130,858	7-Aug-98		
T98-018	US	09/124,293	29-Jul-98		
T98-018-1	US	09/884,814	18-Jun-01		
T98-019	US	09/135,232	17-Aug-98	6,262,228	17-Jul-01
T98-019-1	US	09/863,549	22-May-01	6,576,444	10-Jun-03
T98-020	US	60/100,888	23-Sep-98		
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T98-020-2	US	09/792,669	21-Feb-01	6,583,165	24-Jun-03
T98-021	US	09/178,358	23-Oct-98		
T98-022	US	60/112,613	17-Dec-98		
T98-022-1	US	09/464,217	15-Dec-99	6,433,187	13-Aug-02
T98-023	US	09/213,678	17-Dec-98		
T99-001	US	60/115,249	7-Jan-99		

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T99-001-1	US	09/478,948	6-Jan-00	6,465,258	15-Oct-02
T99-001-1-1	US	10/217,293	12-Aug-02		
T99-002	US	60/115,292	8-Jan-99		
T99-002-1	US	09/479,315	6-Jan-00		
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T99-003-1	US	09/484,863	18-Jan-00		
T99-005	US	60/124,525	15-Mar-99		
T99-005-1	US	09/525,861	14-Mar-00	6,316,503	13-Nov-01
T99-006	US	60/142,994	8-Jul-99		
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T99-007	US	60/142,720	7-Jul-99		
T99-007-1	US	09/612,117	7-Jul-00		
T99-009	US	60/133,268	10-May-99		
T99-009-1	US	09/567,856	9-May-00		
T99-011	US	09/377,554	19-Aug-99	6,306,615	23-Oct-01
T99-011-1	US	09/934,025	21-Aug-01		
T99-012	US	60/134,931	19-May-99		
T99-012-1	US	09/575,208	18-May-00		
T99-013	US	60/159,236	13-Oct-99		
T99-013-1	US	09/680,571	6-Oct-00	6,649,593	18-Nov-03
T99-014	US	09/461,508	14-Dec-99	6,458,538	1-Oct-02

File No	Ctry	Application No.	Application Date	Grant No.	Grant Date
T99-014-1	US	10/226,803	21-Aug-02		
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T99-020-1-1	US	09/696,733	25-Oct-00		
T99-021	US	60/176,398	13-Jan-00		
T99-021-1	US	09/760,364	12-Jan-01		
T99-022	US	60/176,000	12-Jan-00		
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T99-023	US	60/201,988	3-May-00		
T99-023-1	US	09/847,962	2-May-01	6,673,923	6-Jan-04

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